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NEW BOOKS ON ELECTRICAL ENGINEERING

1. "Relay Protection of High-Voltage Circuits" (Releynaya Zashchita Vysokovol'tnykh Setey), G. I. Atabekov, Gosenergoizdat, 1949, 424 pp, 20 rubles 50 kopeks.

2. "The Theory of Radio-Wave Propagation in the Ionosphere" (Teoriya Rasprostraneniya Radiovoln v Ionosfere), V. L. Ginzburg, Gostekhizdat, 1949, 358 pp, 14 rubles 65 kopeks

Intended for students and postgraduate students of physics and radio engineering faculties. Contains information on the atmosphere, ionosphere, properties of ionized gas, Luxembourg-Gor'kiy effect, molecular absorption and reflection of radio waves in the atmosphere, wave propagation in a nonhomogeneous isotropic medium, reflection of waves from ionospheric layers, influence of the earth's magnetic field, and radiation of the sun and galaxies.

3. "The Interpretation of Carrotage (Core-Sampling) Diagrams" (Interpretatsiya Karrotazhnykh Diagramm), V. N. Dekhnov, Gostoptekhizdat, 1948, 391 pp 15 rubles.

Text for higher educational institutions concerned with petroleum. Sets forth the methodology for interpreting data on electrical, magnetic, and thermal studies of wells. Chiefly discusses deep oil and gas wells and deep coal pits.

4. "Soviet-Produced Radio Tubes" (Radiolampy Otechestvennogo Proizvodstva), K. I. Drozdov, Gosenergoizdat, 1949, 26 pp, 75 kopeks..

5. "Principles of Radar (A Symposium of Lectures)" (Osnovy Radiolokatsii), All-Union Correspondence Power Engineering Institute, Izdat Sovetskoye Radio, 1949, 144 pp, free.

6. "DC Power Transmission" (Peredacha Energii Postoyannym Tokom), Ya. M. Chervonenkis, Izdat Ak Nauk SSSR, 1948, 138 pp, 6 rubles.

Scientific-popular work on contemporary problems of long-distance, direct current power transmission.

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